

REMEDIAL SITE ASSESSMENT DECISION - EPA REGION II

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EPA ID: NJD002167237 Site Name: BORNE CHEM CO
Alias Site Names: COASTAL ENVIRONMENTAL SER INC
COASTAL SVCS

160298



State ID:

City: ELIZABETH

County or Parish: UNION

State: NJ

Refer to Report Dated: 09/01/97

Report Type: Site Inspection Prioritization 001

Report Developed by: START

DECISION:

- ☒ 1. Further Remedial Site Assessment under CERCLA (Superfund) is not required because:
- ☒ 1a. Site does not qualify for further remedial site assessment under CERCLA (No Further Remedial Action Planned - NFRAP)
- ☐ 1b. Site may qualify for action, but is deferred to:
- ☐ 2. Further Assessment Needed Under CERCLA:
- 2a. Priority: ☐ Higher ☐ Lower
- 2b. Other: (recommended action)

DISCUSSION/RATIONALE:

Borne Chemical Company is an inactive chemical manufacturing and blending facility located in a predominantly industrial section of Elizabeth, Union County, New Jersey. The site is 6.2 acres and is bordered by the Archer-Daniels-Midland facility, the Arthur Kill (and Staten Island across the Kill), Phelps Dodge, the Goethals Bridge and South Front Street. On site waste sources include a lagoon or surface impoundment; contaminated soil; and one waste pile. Analytical data of a liquid sample collected from the lagoon indicated the presence of VOCs, including benzene, toluene, and 1,2-dichloroethene.

Groundwater within 4 miles of the site is not used for drinking water purposes. Drinking water comes from sources greater than 4 miles away. Surface water (the Arthur Kill) adjacent to the site, is a high-flow, coastal water body. Downstream surface water bodies are utilized as fisheries and wetlands and habitats for federally and state listed endangered species do exist. However, due to the tidal and heavy industrial nature of the Newark Bay complex (which includes the Arthur Kill), documentation of actual contamination is unlikely. Certain bans, restrictions and health advisories regarding the consumption of fish taken from the Newark Bay complex and areas South of it, are in effect.

The site is fenced and topped with barbed wire and has locked gates to inhibit property access. There are no residences, schools or day care facilities within 200 feet of the site boundary. Eight people work within 200 feet of the property boundary.

The NJDEP has issued several Directives and two AOCs to Borne and PRPs. Through these AOCs, the PRPs have established site security (the fence), have removed drums, containers and above ground storage tanks, have removed underground transfer pipes, have conducted soil capping of lagoon, and have conducted an asbestos abatement project. These activities have mitigated environmental threats due to fire, explosion, and direct contact to on-site contamination.

Site Decision Made by: JENNIFER FERANDA

Signature:

Jennifer Feranda

Date: 09/30/97